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FORM PTO-1595 (Rev. 6-93) OMB No. 0651-0011 (exp. 4/94)		REC-11-26-1997  100579249		DEPT. OF COMMERCE RECEIVED NOV 20 1997 RECEIVED			
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original and make a copy thereof.							
1. Name of conveying party(ies): Kaare M. Gautvik Peter Alestrom  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			2. Name and address of receiving party(ies) Name: Astra Aktiebolag Internal Address:  Street Address: S-151 85 Sodertalje  City:            State:            Zip: Country: Sweden Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other Execution Date:			4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none; vertical-align: top;">           A. Patent Application No.(s)         </td> <td style="width: 50%; border: none; vertical-align: top;">           B. Patent No.(s)            5,420,242            5,010,010         </td> </tr> </table> Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			A. Patent Application No.(s)	B. Patent No.(s) 5,420,242 5,010,010
A. Patent Application No.(s)	B. Patent No.(s) 5,420,242 5,010,010						
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: MICHAEL H. TESCHNER Internal Address: LERNER, DAVID, LITTENBERG, KRUHOLZ & MENTLIK  Street Address: 600 South Avenue West City: Westfield    State: NJ    ZIP: 07090			6. Total Number of applications and patents involved: 2  7. Total Fee (37 CFR 3.41).....\$80.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account  8. Deposit account number: 12-1095				
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9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.							
MICHAEL H. TESCHNER Name of Person Signing		 Signature		November 18, 1997 Date			
Total number of pages including cover sheet, attachments, and document: 2							

11/25/1997 754000017 00000017 00000017 121095 3420242  
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Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

D.C. 20231

PATENT

REEL: 8800 FRAME: 0559

U.S. Patent  
Witness

LDLK&M File No.  
GAUTVIK 9.0-002

A S S I G N M E N T

WHEREAS, KAARE M. GAUTVIK, a citizen of Norway, residing at Bregnevn-3, N-0875 Oslo, Norway; and PETER ALESTROM, a citizen of Sweden, residing at Bregnevn 21A, N-0875 Oslo, Norway, as assignees, have obtained the following United States Patents:

Patent No.	Issue Date	Title
5,420,242	May 30, 1995	PRODUCTION OF HUMAN PARATHYROID HORMONE FROM MICROORGANISMS
5,010,010	April 23, 1991	PRODUCTION OF HUMAN PARATHYROID HORMONE FROM MICROORGANISMS

WHEREAS, the said Kaare M. Gautvik and Peter Alestrom are the joint and exclusive owners of said United States Patent and the inventions described and claimed therein, and of all rights in to and under the same;

WHEREAS, ASTRA AKTIEBOLAG, a corporation of Sweden, having a place of business at S-151 85 Sodertalje, SWEDEN, as assignee, is desirous of acquiring the right, title and interest in, to and under said United States Patents and the inventions covered thereby;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the said Kaare M. Gautvik and Peter Alestrom have sold, assigned, transferred and set over to the said ASTRA AKTIEBOLAG said inventions and the United States Patents, the same to be held and enjoyed by the same ASTRA AKTIEBOLAG for its own use and enjoyment, and for the use and enjoyment of its successors, assigns and other legal representatives, to the end of the term or terms for which said United States Patents are granted or reissued or reexamined as fully and entirely as the same would have been held and enjoyed by the same Kaare M. Gautvik and Peter Alestrom, if this assignment and sale had not been made, together with all claims for damages by reason of past infringement of said United States Patents, with the right to sue for, and collect the same for its own use and behoof, and for the use and behoof of its successors, assigns, or other legal representatives.

IN WITNESS WHEREOF, said KAARE M. GAUTVIK and PETER ALESTROM have caused these presents to be signed.

10.12.97  
Date

Kaare M. Gautvik  
KAARE M. GAUTVIK

Wenche Ruser  
Witness

10.13.97  
Date

WENCHE RUSER  
Advokat

Peter Alestrom  
PETER ALESTROM

Wenche Ruser  
Witness

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WEN HE RUSER  
Advokat

RECORDED: 11/20/1997

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